

10/591238
IAP12 Rec'd PCT/PTO 31 AUG 2006



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Montréal, May 29, 2006

Mr. Mark Hantke
Canadian Intellectual Property Office
BOX PCT
Place du Portage I, C114, 1st Floor
50 Victoria Street, Room C-114
Gatineau, Québec K1A 0C9

Dear Mr. Hantke:

RE: International Patent Application
No.: PCT/CA2005/000337 - March 1, 2005
PROCESS AND SYSTEM FOR SEPARATION OF ORGANIC CHARGED
COMPOUNDS
Inventors: Laurent Bazinet et al.
Our reference: 6013-146PCT

Further to our letter of December 21, 2006 enclosing a response to the Written Opinion, please consider the following :

IN THE CLAIMS

Please replace pages 40 and 41 containing claims 17 to 25 with new pages 40 and 41 containing new claims 17 to 25.

REMARKS

The present application still contains 25 claims.

Claims 24 and 25 have been amended to introduce the claim amendments of claim 1 submitted December 21, 2005. Also appended herewith is a marked-up copy of the claims for the Examiner's convenience.



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Applicant respectfully submits that no new subject matter has been introduced by this amendment.

Respectfully submitted,

Ogilvy Renault LLP/S.E.N.C.R.L., s.r.l.

OGILVY RENAULT, LLP/S.E.N.C., s.r.l.
Signed by Marie-Hélène Rochon, Ph.D.

Encls. - Pages 40 and 41 of claims
- Marked up copy of claims 24 and 25

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17. The process of claim 1, wherein said feed solution comprises acid compounds having pH of below 5.0, neutral compounds having pH between 5.0 to 8.0, and basic compounds having pH over 8.0.
18. The process of claim 1, wherein where at least two filtration membranes are used to allow targeted molecular weight separation of said compounds in combination with charge separation.
19. The process of claim 1, wherein said electrodialysis cell comprises at least two filtration membranes, each filtration membrane having molecular weight cut-off different from the other or the others.
20. The process of claim 1, wherein said electrodialysis cell comprises at least one cationic membrane, at least one filtration membrane and at least one anionic membrane, each membrane being separately compartmented.
21. The process of claim 18, wherein pH in a compartment is different from pH of others compartments.
22. The process of claim 1, wherein said electrical field is pulsed.
23. The process of claim 1, wherein said electrical field comprises pulse periods of inverted electrical field.
24. A system for separation or concentration of organic charged compounds in a feed solution, said system comprising an electrodialysis cell comprising positive and negative electrodes apart thereof, and at least one charged membrane and at least one filtration membrane, both membranes being adapted one relatively to the other in order that an ionic solution circulates between said charged membrane and said filtration membrane on the side of the filtration membrane opposed to the side on which circulates the feed solution containing charged compounds, the charged compounds passing under

electric forces through said filtration membrane in the ionic solution during passage in the electrodialysis cell, and neutral compounds remaining in the feed solution.

25. The system of claim 24, wherein said electrodialysis cell comprises, at least one cationic membrane, at least one filtration membrane, and at least one anionic membrane on the side of the filtration membrane opposed to the side of the cationic membrane.

24. A system for separation or concentration of organic charged compounds and neutral compounds in a feed solution, said system comprising an electrodialysis cell having spaced-apart comprising positive and negative electrodes apart thereof, and at least one charged membrane, and at least one filtration membrane, both membranes being adapted one relatively to the other in order that an ionic solution circulates between said charged membrane and said filtration membrane on the side of the filtration membrane opposed to the side on which circulates the feed solution containing charged compounds, the charged compounds passing under electric forces through said filtration membrane in the ionic solution during passage in the electrodialysis cell, and neutral compounds remaining in the feed solution the electrodialysis cell having a first compartment defined between the at least one charged membrane and the at least one filtration membrane for receiving a flow of ionic solution, and a second compartment provided on a side of the at least one filtration membrane opposite to said at least one charged membrane for receiving a flow of feed solution, the charged compounds contained in the feed solution passing under electric forces with no pressure through said at least one filtration membrane into the ionic solution, the neutral compounds contained in the feed solution remaining in the feed solution.
25. The system of claim 24, wherein said electrodialysis cell further comprises; at least one cationic membrane, at least one filtration membrane, and at least one anionic membrane, said anionic membrane being provided on the side of the filtration membrane opposed to the side of the cationic membrane.